



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shimon Moshavi et al.

Title: NOVEL RECEIVER ARCHITECTURE FOR CDMA RECEIVER DOWNLINK

Docket No.: 884.768US1

Serial No.: 10/056,983

Filed: January 25, 2002

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2661

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Commissioner for Patents
Washington, D.C. 20231

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We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ Preliminary Amendment (8 Pages).
- ☒ A check in the amount of \$1170.00 to cover the fee for additional claims as calculated below.

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	70	-	33	37	x 18 =	\$666.00
INDEPENDENT CLAIMS	9	-	3	6	x 84 =	\$504.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$0.00
TOTAL						\$1170.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 28 day of June, 2002.

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(GENERAL)

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PRELIMINARY AMENDMENT

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Before examining the above identified patent application, please amend the above-identified patent application as follows.

IN THE CLAIMS

Please add the following new claims 34-70. Claims 1-70 are now pending in the present application.

34. (New) A communication device comprising:

a searcher to identify pilot signals within a received signal, said pilot signals corresponding to a plurality of base stations;

a pilot tracking unit to continuously track selected pilot signals identified by said searcher; at least one rake receiver to demodulate data within a received signal, said at least one rake receiver having a plurality of rake fingers; and

a controller to select pilot signals identified by said searcher to be tracked by said pilot tracking unit, said controller to select said pilot signals to be tracked based on a predetermined selection criterion, wherein said predetermined selection criterion permits a pilot signal that is not assigned to a rake finger of said at least one rake receiver to be tracked by said pilot tracking unit.

35. (New) The communication device of claim 34, wherein:

said controller considers resources available within said pilot tracking unit to select pilot signals to be tracked by said pilot tracking unit.

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02 FC:103

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